

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/664,677
Applicant (s) : David D. Graf, et al.
Filed : September 18, 2003
TC/A.U. : 1713
Examiner : Robert D. Harlan
Docket No. : 61526B
Customer No. : 00109

Confirmation No. 4103

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS
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P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, ON:

April 11, 2005

DATE OF DEPOSIT

Melissa Van Meter

PRINT OR TYPE NAME OF PERSON SIGNING CERTIFICATE

Melissa Van Meter

SIGNATURE OF PERSON SIGNING CERTIFICATE

April 11, 2005

DATE OF SIGNATURE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

TERMINAL DISCLAIMER

The undersigned registered patent attorney or agent states that:

- (1) The undersigned is an attorney or agent of record in Application Serial No. 10/664,677, filed on September 18, 2003, for "LOW MOLECULAR WEIGHT ETHYLENE INTERPOLYMERS AND POLYMERIZATION PROCESS" (the Present Application).
- (2) The undersigned has reviewed the evidentiary assignment documents and, to his/her best knowledge and belief, Dow Global Technologies Inc., a Delaware corporation, is the sole and common assignee of the following patent properties:
 - (a) The Present Application:
☐ The true copies of the assignment documents are recorded at reel _____, frame _____.
☒ The true copies of the original assignment documents have been submitted to Assignment Branch for recording. A copy of the assignment document(s) is submitted with this Disclaimer.

61526B

Page 1 of 2

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04/15/2005 MHHNED1 00000037 041512 10664677
01 FC:1814 130.00 DA

☒ The true copies of the original assignment documents are recorded at reel 015281, frame 0834.

☐ The true copy of the original assignment documents have been submitted to Assignment Branch for recording. A copy of the assignment document(s) is submitted with this Disclaimer.

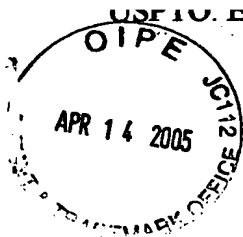
- (3) On behalf of the assignee, the undersigned disclaims the terminal part of any patent granted on the Present Application which would extend beyond the full statutory term of U.S. Patent No. 6,825,147 B2 and hereby agrees that any patent so granted on the above-identified application shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to U.S. Patent No. 6,825,147 B2. This agreement runs with any patent granted on the Present Application and is binding upon the grantee, its successors or assigns.
- (4) The undersigned does not disclaim any terminal part of any patent granted on the Present Application prior to the expiration date of the full statutory term of U.S. Patent No. 6,825,147 B2 in the event that U.S. Patent No. 6,825,147 B2 later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, or otherwise expires or is terminated prior to the expiration of its full statutory term, except for the separation of legal title stated above.
- (5) Please charge \$110.00 to our Deposit Account No. 04-1512. If this estimate is incorrect, please charge or credit our account accordingly. One copy of this sheet is enclosed.

Respectfully submitted,

Douglas N. Deline
Registration No. 29,146
Phone: 989-636-2938

P. O. Box 1967
Midland, MI 48641-1967

DND/mlv



Confirmation Receipt

Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>David D. Graf</td><td>11/18/2003</td></tr><tr><td>Jerzy Klosin</td><td>11/17/2003</td></tr><tr><td>Peter N. Nickias</td><td>11/18/2003</td></tr><tr><td>Ravi B. Shankar</td><td>11/10/2003</td></tr><tr><td>Jorge Soto</td><td>11/14/2003</td></tr><tr><td>Daviel D. Vanderlende</td><td>11/10/2003</td></tr></tbody></table>	Name	Execution Date	David D. Graf	11/18/2003	Jerzy Klosin	11/17/2003	Peter N. Nickias	11/18/2003	Ravi B. Shankar	11/10/2003	Jorge Soto	11/14/2003	Daviel D. Vanderlende	11/10/2003	
Name	Execution Date														
David D. Graf	11/18/2003														
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Ravi B. Shankar	11/10/2003														
Jorge Soto	11/14/2003														
Daviel D. Vanderlende	11/10/2003														
RECEIVING PARTY DATA															
<table border="1"><tr><td>Name:</td><td>Dow Global Technologies Inc.</td></tr><tr><td>Street Address:</td><td>Washington Street</td></tr><tr><td>Internal Address:</td><td>1790 Building</td></tr><tr><td>City:</td><td>Midland</td></tr><tr><td>State/Country:</td><td>MICHIGAN</td></tr><tr><td>Postal Code:</td><td>48674</td></tr></table>	Name:	Dow Global Technologies Inc.	Street Address:	Washington Street	Internal Address:	1790 Building	City:	Midland	State/Country:	MICHIGAN	Postal Code:	48674			
Name:	Dow Global Technologies Inc.														
Street Address:	Washington Street														
Internal Address:	1790 Building														
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State/Country:	MICHIGAN														
Postal Code:	48674														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10664677</td></tr></tbody></table>	Property Type	Number	Application Number:	10664677											
Property Type	Number														
Application Number:	10664677														
CORRESPONDENCE DATA															
Fax Number: (989)636-3237															
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.															
Phone: 989-636-1954															
Email: CSRohde@dow.com															
Correspondent Name: Crystal Rohde															

<http://epas.uspto.gov/com/receipt.jsp?iname=L2GX0OG2SKYH-3276>

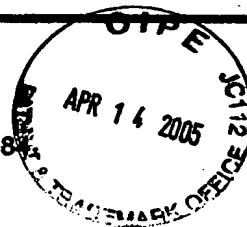
4/11/2005

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Address Line 1: The Dow Chemical Company	
Address Line 2: 1790 Building; Washington Street	
Address Line 4: Midland, MICHIGAN 48674	
NAME OF SUBMITTER:	Crystal S. Rohde
Signature:	/Crystal S. Rohde/
Date:	04/11/2005
Total Attachments: 5 source=61526B DGTI#page1.tif source=61526B DGTI#page2.tif source=61526B DGTI#page3.tif source=61526B DGTI#page4.tif source=61526B DGTI#page5.tif	
RECEIPT INFORMATION	
EPAS ID:	PAT29083
Receipt Date:	04/11/2005
Fee Amount:	\$40

Rohde, Crystal (CS)

From: EPAS Server [epas-server@uspto.gov]
Sent: Monday, April 11, 2005 2:42 PM
To: Rohde, Crystal (CS)
Subject: Assignment confirmation receipt ID: PAT29084



Information Classification:

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(4 KB)

ELECTRONIC PATENT ASSIGNMENT SYSTEM (EPAS) CONFIRMATION RECEIPT

The USPTO has received a Patent Assignment submitted through the Electronic Patent Assignment System (EPAS). This is the only acknowledgement of receipt that will be transmitted for this EPAS submission. The submission may not be recalled.

After review by Assignment Services Division personnel a Notice of Recordation/Non-Recordation will be returned via fax. USPTO will attempt to fax to the number provided in the submission; fax failures will be delivered via US Postal Service to the Correspondence Address provided in the submission.

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If you have a technical question, comment or concern about your EPAS submission call 703-308-9723 during business hours or e-mail to epas@uspto.gov. Please have your EPAS receipt ID which is 'EASPAT29084' available when calling or writing for assistance.

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Electronic Assignment Server at <http://epas.uspto.gov>

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we, by virtue of my/our employee agreement(s) and contractual agreement(s) between our employer(s) and Dow Global Technologies Inc., hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for Dow Global Technologies Inc. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work from my/our employer, I/we sell, assign and transfer unto:


**Washington Street
1790 Building
Midland, Michigan 48674
United States of America**

Filing Date September 18, 2003


Filing Date

to the above Priority application of any country where that country's patent property must be identified and entered hereinabove for recordal of this Assignment. I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

At: **Midland, Michigan 48674 USA**
this 18th day of November, 2003
Effective as of September 18, 2005

Signature: 
Full Name: **David D. Graf**
Residence: **5408 Fairway Place**
Midland, Michigan 48640
Country: **United States of America**
Citizenship: **United States of America**
P. O. Address: **Same as Residence**
Employed By: **The Dow Chemical Company**
Of Country: **United States of America**

At: **Midland, Michigan 48674 USA**
this 17 day of November, 2008
Effective as of September 18, 2003

Signature: 

Full Name: **Jerzy Klosin**
Residence: **2209 Parkwood Drive**
Midland, Michigan 48640

Country: **United States of America**
Citizenship: **Poland**
P. O. Address: **Same as Residence**
Employed By: **The Dow Chemical Company**
Of Country: **United States of America**

At: **Midland, Michigan 48674 USA**
 this 18 day of November, 2003
 Effective as of September 18, 2003

Signature: Peter Nickias
 Full Name: **Peter N. Nickias**
 Residence: **2705 Mt. Vernon Court**
Midland, Michigan 48642
 Country: **United States of America**
 Citizenship: **United States of America**
 P. O. Address: **Same as Residence**
 Employed By: **The Dow Chemical Company**
 Of Country: **United States of America**

At: Midland, Michigan 48674 USA
 this 14 day of November, 2003
 Effective as of September 18, 2003

Signature: Ravi B. Shankar
 Full Name: **Ravi B. Shankar**
 Residence: **408 Scenic Drive**
Midland, Michigan 48642
 Country: **United States of America**
 Citizenship: **United States of America**
 P. O. Address: **Same as Residence**
 Employed By: **The Dow Chemical Company**
 Of Country: **United States of America**

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)

On this 19 day of November, 2003, personally appeared

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

22

Carla & Samuel

Carla S. Samuel
Notary Public, Bay County, Michigan
Acting in Midland County, Michigan
My Commission Expires October 10, 2005

UNITED STATES OF AMERICA)
STATE OF WEST VIRGINIA) SS
County/Parish of Carroll)

On this 24th day of October, 2003, personally appeared
before me,

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

Notary Public
State of West Virginia
NITA J. DUNLAP
325 PARKVIEW DR.
ST. ALBANS, WV 26177
My Commission Expires Aug. 11, 2008

Notary Public

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)

On this 17 day of November, 2003, personally appeared

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.



Carla Samuel

Notary Public

Carla S. Samuel
Notary Public, Bay County, Michigan
Acting in Midland County, Michigan
My Commission Expires October 10, 2005

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)

On this 18th day of November, 2003, personally appeared

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

Tamara L. Goose

Tamara L. Greene
Notary Public, Midland County, Michigan
My Commission Expires September 19, 2005

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)

On this 14 day of November, 2003, personally appeared

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

still

Heather Leigh Van Kester
Notary Public

Melissa Leigh Varumeter
Notary Public, Midland County, Michigan
My Commission Expires February 6, 2007

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)

On this 14 day of November, 2003, personally appeared

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

Wesley Leigh Van Meter
Notary Public

Melissa Leigh Vanmeter
Notary Public, Midland County, Michigan
My Commission Expires February 6, 2007

FORM 221

Docket Ref. 61526B css

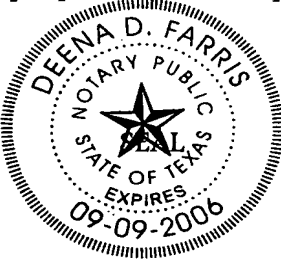
NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA)
STATE OF TEXAS) SS
County/Parish of Brazoria)

On this 10th day of November, 2003, personally appeared

Daniel D. VanderLende

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.



Dina D. Fany
Notary Public

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA)
STATE OF TEXAS) SS
County/Parish of Brazoria)

On this 21 day of October, 2023, personally appeared

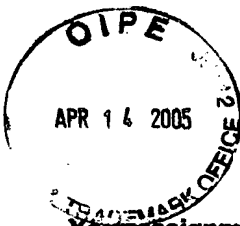
Carlos G. Ortiz

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL



Linda A. Robinson
Notary Public



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Stylesheet Version v1.1

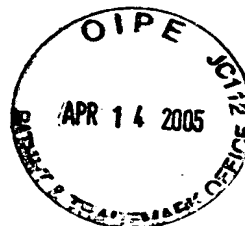
SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
The Dow Chemical Company	10/08/2004
RECEIVING PARTY DATA	
Name:	Dow Global Technologies Inc.
Street Address:	Washington Street
Internal Address:	1790 Building
City:	Midland
State/Country:	MICHIGAN
Postal Code:	48674
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10664677
CORRESPONDENCE DATA	
Fax Number:	(989)636-3237
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	989-636-1954
Email:	CSRohde@dow.com
Correspondent Name:	Crystal Rohde
Address Line 1:	The Dow Chemical Company
Address Line 2:	1790 Building, Washington Street
Address Line 4:	Midland, MICHIGAN 48674
NAME OF SUBMITTER:	Crystal S. Rohde
Signature:	/Crystal S. Rohde/

Date:	04/11/2005
Total Attachments: 3 source=61526B DOW TO DGTI#page1.tif source=61526B DOW TO DGTI#page2.tif source=61526B DOW TO DGTI#page3.tif	
RECEIPT INFORMATION EPAS ID: PAT29084 Receipt Date: 04/11/2005 Fee Amount: \$40	

Rohde, Crystal (CS)

From: EPAS Server [epas-server@uspto.gov]
Sent: Monday, April 11, 2005 2:46 PM
To: Rohde, Crystal (CS)
Subject: Assignment confirmation receipt ID: PAT29085

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This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

FORM 440

ASSIGNMENT

(with Priority Rights)
and

INVENTORSHIP DECLARATION

We, ASSIGNOR, of: **THE DOW CHEMICAL COMPANY**
2030 Dow Center
Midland, Michigan 48674
UNITED STATES OF AMERICA

a corporation organized and existing under the laws of the State of Delaware, United States of America do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Carlos G. Ortiz, 1015 Eberhard Street, Houston, Texas 77019, United States of America

of an invention relating to and entitled:

LOW MOLECULAR WEIGHT ETHYLENE INTERPOLYMERS AND POLYMERIZATION PROCESS

We do hereby declare, for good and valuable consideration assign, and transfer unto:

received, sell,

WE, the ASSIGNEE: **DOW GLOBAL TECHNOLOGIES INC.**
Washington Street
1790 Building
Midland, Michigan 48674
UNITED STATES OF AMERICA

a corporation organized and existing under the laws of the State of Delaware, United States of America our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its own name, or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute application and any corresponding applications in any and all countries, including all rights to claim priority under all International Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the Priority Number 10/664,677 and Filing Date September 18, 2003 in United States of America

of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and we do hereby authorize said Assignee to insert here the

Corresponding Application No. _____ and Filing Date _____ in _____

of the corresponding application in any country where that patent property must be entered for recordal of this Assignment; and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal of this Assignment being under covenant, not only that we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Sworn by us at Midland, Michigan 48674, USA

this 8 day of October, 2004

CORP.
SEAL

THE DOW CHEMICAL COMPANY

By: Michael L. Glenn
MICHAEL L. GLENN
 Authorized Representative

Attach Notarial Certificate (Corporation)

FORM 550

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)

My Commission Expires December 03, 2006

[illegible]

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

Ann Heritier
Notary Public, Bay County, Michigan
Acting in Midland County
My Commission Expires December 03, 2006

APR 14 2005

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PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Timothy A. Herzog	10/24/2003
RECEIVING PARTY DATA	
Name:	Union Carbide Chemicals & Plastics Technology Corporation
Street Address:	39 Old Ridgebury Road
City:	Danbury
State/Country:	CONNECTICUT
Postal Code:	06817-0001
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10664677
CORRESPONDENCE DATA	
Fax Number:	(989)636-3237
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	989-636-1954
Email:	CSRohde@dow.com
Correspondent Name:	Crystal Rohde
Address Line 1:	The Dow Chemical Company
Address Line 2:	1790 Building, Washington Street
Address Line 4:	Midland, MICHIGAN 48674
NAME OF SUBMITTER:	Crystal S. Rohde
Signature:	/Crystal S. Rohde/

Date:	04/11/2005
Total Attachments: 2 source=61526B UCCPTC#page1.tif source=61526B UCCPTC#page2.tif	
RECEIPT INFORMATION EPAS ID: PAT29085 Receipt Date: 04/11/2005 Fee Amount: \$40	

Rohde, Crystal (CS)

From: EPAS Server [epas-server@uspto.gov]
Sent: Monday, April 11, 2005 2:49 PM
To: Rohde, Crystal (CS)
Subject: Assignment confirmation receipt ID: PAT29086



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Electronic Assignment Server at <http://epas.uspto.gov>

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we, by virtue of my/our employee agreement(s) and contractual agreement(s) between our employer(s) and Union Carbide Chemicals & Plastics Technology Corporation, hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for Union Carbide Chemicals & Plastics Technology Corporation. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work from my/our employer, I/we sell, assign and transfer unto:

UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION
39 Old Ridgebury Road
Danbury, Connecticut 06817-0001
United States of America

my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the

in country **the United States of America**

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent ~~or~~ patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request; and I/we do hereby authorize Assignee or its designee (or nominee(s)) to insert *here any corresponding equivalent*

in country

to the above Priority application of any country where that country's patent property must be identified and entered hereinabove for recordal of this Assignment. I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: South Charleston, W. Va.
this 14th day of October, 2003
Effective as of September 18, 2003

Signature: [Signature]

Full Name: **Timothy A. Herzog**

Residence: **754 Echo Road**
South Charleston, West Virginia 25303

Country: **United States of America**

Citizenship: **United States of America**

P. O. Address: **Same as Residence**

Employed By: **Union Carbide Corporation**

Of Country: **United States of America**

At: _____
this _____ day of _____, 20____

Signature: _____

Full Name: _____

Residence: _____

Country: _____

Citizenship: _____

P. O. Address: _____

Employed By: _____

Of Country: _____

At: _____
this _____ day of _____, 20____

Signature: _____
Full Name: _____
Residence: _____

Country: _____
Citizenship: _____
P. O. Address: _____
Employed By: _____
Of Country: _____

At: _____
this _____ day of _____, 20____

Signature: _____
Full Name: _____
Residence: _____

Country: _____
Citizenship: _____
P. O. Address: _____
Employed By: _____
Of Country: _____

[illegible]

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

FORM 660

WE, the ASSIGNEE: **UNION CARBIDE CHEMICALS & PLASTICS
TECHNOLOGY CORPORATION
39 Old Ridgebury Road
Danbury, Connecticut 06817-0001
UNITED STATES OF AMERICA**

hereby accept the ASSIGNMENT attached hereto which is dated: **October 24, 2003**

From, the ASSIGNOR: **Timothy A. Herzog, 754 Echo Road, South Charleston, West Virginia 25303,
United States of America**

of the invention entitled:

LOW MOLECULAR WEIGHT ETHYLENE INTERPOLYMERS AND POLYMERIZATION PROCESS

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at **Midland, Michigan 48674, U.S.A.**

this 8 day of October, 2004

**UNION CARBIDE CHEMICALS & PLASTICS
TECHNOLOGY CORPORATION**

CORP.
SEAL

By: Charles J. Maurer III
CHARLES J. MAURER III
 Secretary

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)

On this 8 day of October, 2004, personally appeared before me, **CHARLES J. MAURER III, Secretary**, known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said Corporation incorporated under the laws of the **State of Delaware, United States of America**.

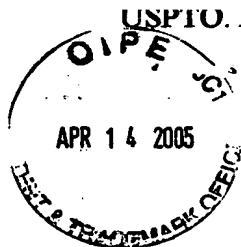
I further certify that said authority, dated **September 17, 2001**, is based on an **authorization Policy of the said Corporation**,

which I have seen, appointing the said individual **Attorney-in-fact** with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

Notary Public

Ann Heritier
Notary Public, Bay County, Michigan
Acting in Midland County
My Commission Expires December 03, 2006



Confirmation Receipt

Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT

Electronic Version v1.1

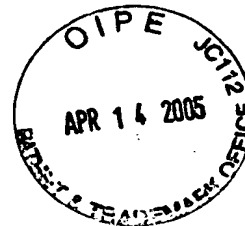
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Union Carbide Chemicals & Plastics Technology Corporation	10/08/2004
RECEIVING PARTY DATA	
Name:	Dow Global Technologies Inc.
Street Address:	Washington Street
Internal Address:	1790 Building
City:	Midland
State/Country:	MICHIGAN
Postal Code:	48674
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10664677
CORRESPONDENCE DATA	
Fax Number: (989)636-3237	
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.	
Phone: 989-636-1954	
Email: CSRohde@dow.com	
Correspondent Name: Crystal Rohde	
Address Line 1: The Dow Chemical Company	
Address Line 2: 1790 Building, Washington Street	
Address Line 4: Midland, MICHIGAN 48674	
NAME OF SUBMITTER:	Crystal S. Rohde
Signature:	/Crystal S. Rohde/

Date:	04/11/2005						
Total Attachments: 2 source=61526B UCCPTC TO DGTI#page1.tif source=61526B UCCPTC TO DGTI#page2.tif							
RECEIPT INFORMATION <table><tr><td>EPAS ID:</td><td>PAT29086</td></tr><tr><td>Receipt Date:</td><td>04/11/2005</td></tr><tr><td>Fee Amount:</td><td>\$40</td></tr></table>		EPAS ID:	PAT29086	Receipt Date:	04/11/2005	Fee Amount:	\$40
EPAS ID:	PAT29086						
Receipt Date:	04/11/2005						
Fee Amount:	\$40						

Rohde, Crystal (CS)

From: EPAS Server [epas-server@uspto.gov]
Sent: Monday, April 11, 2005 2:51 PM
To: Rohde, Crystal (CS)
Subject: Assignment confirmation receipt ID: PAT29087



Information Classification:

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(4 KB)

ELECTRONIC PATENT ASSIGNMENT SYSTEM (EPAS) CONFIRMATION RECEIPT

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After review by Assignment Services Division personnel a Notice of Recordation/Non-Recordation will be returned via fax. USPTO will attempt to fax to the number provided in the submission; fax failures will be delivered via US Postal Service to the Correspondence Address provided in the submission.

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If you have a technical question, comment or concern about your EPAS submission call 703-308-9723 during business hours or e-mail to epas@uspto.gov. Please have your EPAS receipt ID which is 'EASPAT29087' available when calling or writing for assistance.

A printable version of the Confirmation Receipt is attached to this e-mail.

Electronic Assignment Server at <http://epas.uspto.gov>

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

[illegible]

Attach Notarial Certificate (Corporation)

[illegible]

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

FORM 660

WE, the ASSIGNEE: **DOW GLOBAL TECHNOLOGIES INC.**
Washington Street
1790 Building
Midland, Michigan 48674
UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: October 8, 2004

From, the ASSIGNOR: **UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION 39 Old Ridgebury Road Danbury, Connecticut 06817-0001 UNITED STATES OF AMERICA**

of the invention entitled:

LOW MOLECULAR WEIGHT ETHYLENE INTERPOLYMERS AND POLYMERIZATION PROCESS

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at Midland, Michigan 48674, USA

this 12 day of October, 2004

DOW GLOBAL TECHNOLOGIES INC.

CORP.
SEAL

By: Noreen D. Warrick
NOREEN D. WARRICK
Secretary

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)

On this 12 day of October, 2004, personally appeared before me, **NOREEN D. WARRICK, Secretary**, known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said corporation incorporated under the laws of the **State of Delaware, United States of America**.

I further certify that said authority, dated **February 11, 2002**, is based on an **Authorization Policy of the said Corporation**,

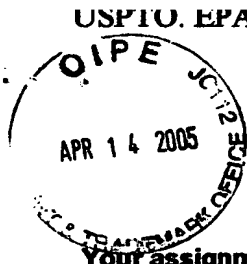
which I have seen, appointing the said individual **Attorney-in-fact** with full power to sign the foregoing document on behalf of the said corporation and ~~that~~ the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

or activities of said corporation.

Ann Heritier

Notary Public
Ann Heritier
Notary Public, Bay County, Michigan
Acting in Midland County
My Commission Expires December 03, 2006



Confirmation Receipt

Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><tr><th>Name</th><th>Execution Date</th></tr><tr><td>Carlos G. Ortiz</td><td>10/21/2003</td></tr></table>	Name	Execution Date	Carlos G. Ortiz	10/21/2003							
Name	Execution Date										
Carlos G. Ortiz	10/21/2003										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Dupont Dow Elastomers L.L.C.</td></tr><tr><td>Street Address:</td><td>300 Bellevue Corporate Center</td></tr><tr><td>City:</td><td>Wilmington</td></tr><tr><td>State/Country:</td><td>DELAWARE</td></tr><tr><td>Postal Code:</td><td>19809</td></tr></table>	Name:	Dupont Dow Elastomers L.L.C.	Street Address:	300 Bellevue Corporate Center	City:	Wilmington	State/Country:	DELAWARE	Postal Code:	19809	
Name:	Dupont Dow Elastomers L.L.C.										
Street Address:	300 Bellevue Corporate Center										
City:	Wilmington										
State/Country:	DELAWARE										
Postal Code:	19809										
PROPERTY NUMBERS Total: 1											
<table border="1"><tr><th>Property Type</th><th>Number</th></tr><tr><td>Application Number:</td><td>10664677</td></tr></table>	Property Type	Number	Application Number:	10664677							
Property Type	Number										
Application Number:	10664677										
CORRESPONDENCE DATA											
Fax Number: (989)636-3237 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 989-636-1954 Email: CSRohde@dow.com Correspondent Name: Crystal Rohde Address Line 1: The Dow Chemical Company Address Line 2: 1790 Building, Washington Street Address Line 4: Midland, MICHIGAN 48674											
NAME OF SUBMITTER:	Crystal S. Rohde										
Signature:	/Crystal S. Rohde/										

Date:	04/11/2005
Total Attachments: 2 source=61526B DUPONT#page1.tif source=61526B DUPONT#page2.tif	
RECEIPT INFORMATION EPAS ID: PAT29087 Receipt Date: 04/11/2005 Fee Amount: \$40	

Rohde, Crystal (CS)

From: EPAS Server [epas-server@uspto.gov]
Sent: Monday, April 11, 2005 2:39 PM
To: Rohde, Crystal (CS)
Subject: Assignment confirmation receipt ID: PAT29083



Information Classification:

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If a communication from the Assignment Services Division has not been received within 60 days of your confirmation receipt contact the Assignment Services Division Customer Service Desk at 703-308-9723 or send an e-mail to epas@uspto.gov.

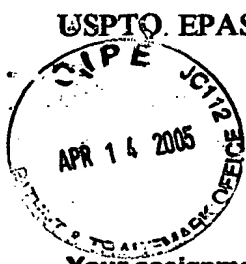
If you have a technical question, comment or concern about your EPAS submission call 703-308-9723 during business hours or e-mail to epas@uspto.gov. Please have your EPAS receipt ID which is 'EASPAT29083' available when calling or writing for assistance.

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[illegible]

FORM 660



Confirmation Receipt

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PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Dupont Dow Elastomers L.L.C.	10/05/2004
RECEIVING PARTY DATA	
Name:	The Dow Chemical Company
Street Address:	2030 Dow Center
City:	Midland
State/Country:	MICHIGAN
Postal Code:	48674
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10664677
CORRESPONDENCE DATA	
Fax Number:	(989)636-3237
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	989-636-1954
Email:	CSRohde@dow.com
Correspondent Name:	Crystal Rohde
Address Line 1:	The Dow Chemical Company
Address Line 2:	1790 Building, Washington Street
Address Line 4:	Midland, MICHIGAN 48674
NAME OF SUBMITTER:	Crystal S. Rohde
Signature:	/Crystal S. Rohde/

Date:	04/11/2005
Total Attachments: 3 source=61526B DUPONT TO DOW#page1.tif source=61526B DUPONT TO DOW#page2.tif source=61526B DUPONT TO DOW#page3.tif	
RECEIPT INFORMATION	
EPAS ID:	PAT29089
Receipt Date:	04/11/2005
Fee Amount:	\$40

Rohde, Crystal (CS)

From: EPAS Server [epas-server@uspto.gov]
Sent: Monday, April 11, 2005 2:55 PM
To: Rohde, Crystal (CS)
Subject: Assignment confirmation receipt ID: PAT29089



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Electronic Assignment Server at <http://epas.uspto.gov>

[illegible]

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

ASSIGNMENT (with Priority Rights) and INVENTORSHIP DECLARATION

Attach Notarial Certificate (Corporation)

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number.

[illegible]

Dianna L. Skolak
Notary Public

[illegible]

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

Ann Heritier
Notary Public, Bay County, Michigan
Acting in Midland County
My Commission Expires December 03, 2006

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